

Message

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Sent: 4/4/2022 7:06:26 PM
To: Nichols, Serena [Nichols.Serena@epa.gov]

Paul, Parmits - Cryptocurrency mining:

- Increase in an independent industry
- Electricity is used to power large amounts of computing equipment.
- Coal fired power plants in PA bought by crypto miners. Also natural gas wellpads being used.
- One facility in WV natural gas wellpad is likely a crypto mining facility
- How is this different than a typical data center?
 - One difference is that they are not supplying power to grid, which has specific requirements
 - Some data centers do this as well. This is not totally novel, but expanded.
 - Question as to whether they are using both mobile and stationary sources:
 - Non-road engines are used at wellpads at times
 - There are many regulatory categories these sites could fall under
- Briefing to RA on this topic 4/7
- Brian: have seen situations where facilities roll in mobile sources to act as stationary sources to fall out of regulation

Brian - heavy duty engine rules:

- NHTSA new fuel economy fuel standards in place for heavy duty vehicles for 2024-2026. 49 mpg is average threshold
 - This is the requirement for lab tests - real world limits will be lower (36 mpg)
- There will be another tier released post-2026
- This will elicit significant savings for commuters
- Penalties have been increased for manufacturers who exceed limits
- This has been known for a long time, but some industries might incur significant penalties (\$500 million in one case)
- They can get credits for exceeding compliance/meeting targets much earlier (Tesla, for example)

Alison - Climate Adaptation:

- OP reviewing draft Climate Adaptation Plan, R3 will then incorporate comments
- Each region has been asked to estimate baseline for adaptation targets
 - R3 (ARD) is submitting baseline of 0 since we don't know of any activities that will support state programs in adaptation in the next year
 - We will be expected to ramp up in the next couple of years, guidance from HQ will help (as we work with grantees on implementing guidance)
 - CC Team will be able to help if we know of any needs communicated to us from states, etc.
 - Targets need to be documentable

Riley - Oil and gas methane rule:

- Public comment period over in January. Regulatory text forthcoming, not yet finalized.

Verena - we should have an "ideas" page on our Teams site to maintain all of the ideas for topics that we may seek from an external presenter.

State Climate Network:

- In 105 grants, commitment that states participate in monthly State Climate Network meetings
 - Meetings were state specific (each state per month)
- Some states had a lot to share, others were asking us for information
- States had to report to us (annually) about what's happening broadly across all departments working on climate change
- More policy driven
- Local governments meetings (MASN) were more grants/partnerships related

- Trainings are coming up soon within the division (this happened 2 summers ago)
 - Each Branch will be responsible for doing hour-long presentation
 - What branch does, etc.
 - This is because of all the new hires we have/will have
 - There should be a focus on what each branch is doing regarding climate change

- Climate Networks should include PPG since they are more involved with S/L partners than regulatory programs
 - 105 grants do not include meeting commitment
 - Do we want to include participation in mid-year 105 grants?
 - Alison will talk to Paula about this
 - Local Climate Network may be something we consider in the future (there may be others in the Region that are doing similar things)
 - For state perspective, keep it narrowed to greenhouse gas mitigation (eg, "State Climate Mitigation")

Alison - Will reach out to DE, PA, DC

Serena - Will reach out to AMS

Need VA and WV